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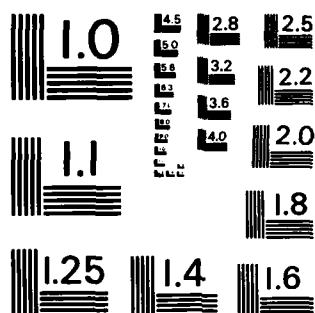
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CHARACTERISTICS OF THE CLASS OF 1988

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SEPTEMBER 1984

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Characteristics of the Class of 1988

Report No. :USMA-OIR-84-012
Project No. :526
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ABSTRACT

This report presents the biographical characteristics and achievements of the 1,401 new cadets who entered the United States Military Academy in the Class of 1988.

NOTE: Any conclusions in this report are not to be construed as official U.S. Military Academy or Department of the Army positions unless so designated by other authorized documents.

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UNITED STATES MILITARY ACADEMY
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Preface

This report presents the biographical characteristics and achievements of the 1,401 new cadets who entered the Class of 1988. The admission scores listed in Table 1 are for the 966 cadets whose admission was based on the CEER, while Tables 2 and 3 are for the 435 cadets whose admission was based on American College Test scores. The following abbreviations, explanations and definitions of terms apply in this report.

CEER	A statistically derived weighted composite score of two College Entrance Examination Board Tests (Scholastic Aptitude Test-Verbal, Scholastic Aptitude Test-Mathematics, and a standardized high school rank score.
High School Rank	This is a score derived by converting the actual high school rank to a standard score, using a formula developed by the Educational Testing Service.
Whole Candidate Score	This is a weighted composite score of the CEER or ACEER, the Physical Aptitude Examination score and the Leadership Potential Score.
Physical Aptitude Examination Score	This is a standardized score developed to measure physical capabilities.
Leadership Potential Score	This is a score derived from the ratings of the candidate by his/her secondary school teachers and evaluations by admissions officials of his/her type of participation in athletic and other school and community activities.
ACT	American College Testing Program.
ACEER	A statistically derived weighted composite score of ACT tests and high school rank converted to the 200-800 range of the CEER.

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TABLE 1

Distribution of Scores on Academic Qualification Measures
(For those admitted by use of CEER)

Score Ranges	Scholastic Aptitude Verbal		Scholastic Aptitude Mathematics		CEER	
	N	Cum %	N	Cum %	N	Cum %
750-800	6	100%	43	100%	10	100%
700-749	40	99	149	96	43	99
650-699	94	95	253	80	157	94
600-649	184	86	258	54	312	78
550-599	227	66	187	27	255	46
500-549	275	43	63	8	150	20
450-499	105	14	13	1	35	4
400-449	29	4	0	0	4	0
350-399	6	0	0	0	0	0
Total	966		966		966	
Mean	565		637		603	
S.D.	72		65		60	

TABLE 2

Distribution of Scores on Academic Qualification Measures
(For those admitted by use of ACEER)

Score Ranges	ACT-ENG		ACT-MATH		ACT-N.S.		ACT-S.S.	
	N	Cum %	N	Cum %	N	Cum %	N	Cum %
34-36	0	100%	64	100%	18	100%	6	100%
31-33	18	100	94	85	189	96	63	99
28-30	55	96	116	64	119	52	91	84
25-27	113	83	118	37	74	25	112	62
22-24	178	57	41	10	20	8	102	36
19-21	62	16	2	0	6	3	29	12
16-18	9	2	0	0	6	2	10	5
13-15	0	0	0	0	2	0	7	3
10-12	0	0	0	0	0	0	4	1
Total	435		435		434		424	
Mean	24.4		29.2		29.4		26.0	
S.D.	3.1		3.6		3.5		4.4	

TABLE 3
Distribution of ACEER Scores
(For those admitted by use of ACT scores)

Score Ranges	ACEER	
	N	Cum %
750-800	1	100%
700-749	20	100
650-699	82	95
600-649	129	76
550-599	116	47
500-549	71	20
450-499	16	4
400-449	0	0
Total	435	
Mean	603	
S.D.	60	

TABLE 4
Distribution of Scores on PAE, LPS and HSR
(For all admitted cadets)

Score Ranges	Physical Aptitude* (PAE)				Leadership Potential (LPS)		High School Rank (HSR)	
	Male		Female		N	Cum %	N	Cum %
750-800	21	100%	0	100%	2	100%	92	100%
700-749	53	98	4	100	49	100	85	93
650-699	132	94	4	98	190	96	210	87
600-649	207	83	18	95	392	83	231	72
550-599	278	67	29	84	426	55	238	56
500-549	299	44	40	65	223	24	265	39
450-499	184	20	28	40	94	8	143	20
400-449	58	5	32	23	22	2	84	10
350-399	0	0	4	2	3	0	37	4
300-349	2	0	0	0	0	0	10	1
250-299	2	0	0	0	0	0	4	0
200-249	1	0	0	0	0	0	2	0
Total	1238		159		1401		1401	
Mean	569		520		590		575	
S.D.	81		78		63		105	

*Distribution of PAE scores are shown separately for male and female cadets as they are scored on different events. Four male cadets did not have PAE scores at entrance on 2 July - 3 foreign cadets and one athlete.

TABLE 5
Distribution of Whole Candidate Scores
(For all admitted cadets)

<u>Score Ranges</u>	<u>N</u>	<u>Cum %</u>
7250-7499	1	100%
7000-7249	3	100
6750-6999	16	100
6500-6749	74	99
6250-6499	211	93
6000-6249	390	78
5750-5999	315	50
5500-5749	225	28
5250-5499	115	12
5000-5249	39	4
4750-4999	11	1
4500-4749	1	0
Total	1401	
Mean	5964	
S.D.	381	

TABLE 6
Means and Standard Deviations of Scores
of Male and Female Cadets

	WCS		HSR		LPS		PAE*	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	1242	159	1242	159	1242	159	1238	159
Mean	5964	5963	570	609	590	591	569	520
S.D.	382	382	104	101	64	58	81	78

	ACEER		CEER		SAT-V		SAT-M	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	378	57	864	102	864	102	864	102
Mean	605	593	602	617	563	584	638	624
S.D.	60	61	60	64	72	70	65	64

	ACT-EN		ACT-MA		ACT-NS		ACT-SS	
	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>	<u>Male</u>	<u>Female</u>
N	378	57	378	57	377	57	367	57
Mean	24.3	25.3	29.4	28.0	29.6	28.3	26.2	25.0
S.D.	3.1	3.0	3.7	3.1	3.3	4.3	4.2	5.0

*PAE scale for females is not the same as the scale for males.

TABLE 7-1
Distribution of Height and Weight
(Female Cadets)

Height			Weight		
<u>Inches</u>	<u>No.</u>	<u>%</u>	<u>Pounds</u>	<u>No.</u>	<u>%</u>
72-73	1	0.6%	161-170	3	1.9
70-71	5	3.1	151-160	6	3.8
68-69	24	15.1	141-150	18	11.3
66-67	51	32.1	131-140	39	24.5
64-65	40	25.2	121-130	46	28.9
62-63	32	20.1	111-120	34	21.4
60-61	5	3.1	101-110	11	6.9
58-59	1	0.6	90-100	2	1.3
Total	159	100	Total	159	100
Mean	65.4		Mean	128.7	
S.D.	2.4		S.D.	13.6	

TABLE 7-2
Distribution of Height and Weight
(Male Cadets)

Height			Weight		
<u>Inches</u>	<u>No.</u>	<u>%</u>	<u>Pounds</u>	<u>No.</u>	<u>%</u>
80-81	1	0.1%	261-270	1	0.1%
78-79	6	0.5	251-260	2	0.2
76-77	30	2.4	241-250	3	0.2
74-75	109	8.8	231-240	5	0.4
72-73	250	20.1	221-230	9	0.7
70-71	373	30.0	211-220	14	1.1
68-69	270	21.7	201-210	28	2.3
66-67	144	11.6	191-200	56	4.5
64-65	46	3.7	181-190	83	6.7
62-63	10	0.8	171-180	145	11.7
60-61	3	0.2	161-170	199	16.0
			151-160	246	19.8
			141-150	219	17.6
			131-140	138	11.1
			121-130	75	6.0
			111-120	16	1.3
			101-110	3	0.2
Total	1242	100	Total	1242	100
Mean	69.7		Mean	156.9	
S.D.	3.1		S.D.	24.1	

TABLE 8
High School Characteristics

	Number	Percent
Type of High School attended in Senior Year		
Public (Include HS in Foreign Country).....	1127	81%
Private (Non-Military).....	211	15
Private (Military).....	25	2
Rank in Graduating Class		
Top 20%.....	1162	83%
Second 20%.....	159	12
Middle 20%.....	50	4
Fourth 20%.....	11	1
Bottom 20%.....	5	0
Selected as Valedictorian (First in the Class).....	102	7
Selected as Salutatorian (Second in the Class).....	78	6
Number of High Schools Attended		
One.....	1126	81%
Two.....	218	16
Three.....	32	2
Four or more.....	14	1
Five or more.....	4	0

TABLE 9
Awards and Scholarships

	Number	Percent
Received Following Awards		
National Honor Society.....	858	61%
Bausch and Lomb Science Award.....	43	3
American Legion Award.....	146	10
Boy's State or Girl's State Delegate.....	297	21
Took the National Merit/Achievement Scholarship Examination		
Yes, and Received Commendation.....	250	18%
Yes, was Semi-Finalist.....	35	2
Yes, was Finalist.....	41	3
Yes, was Merit Scholar.....	24	2

TABLE 10
Scholarships

Number of Academic Scholarships	Number	Percent
None.....	750	54%
One.....	295	21
Two or Three.....	274	20
Four or Five.....	47	3
Six or More.....	29	2
Number of Athletic Scholarships		
None.....	1234	88%
One.....	81	6
Two or Three.....	52	4
Four or Five.....	11	1
Six or More.....	12	1
Received the Following Military Scholarships*		
Army ROTC Scholarship.....	249	18%
Navy ROTC Scholarship.....	216	16
Air Force ROTC Scholarship.....	153	11
Other ROTC Scholarship.....	60	4

*May be more than one.

TABLE 11

Clubs and Positions Held or Awards Obtained

	Number	Percent
Elected or Appointed to Following High School Positions*		
President of High School Senior Class.....	90	6%
Senior Class Officer (Other Than President).....	224	16
President, Student Body.....	81	6
President, High School Class (Other than Senior Class)....	162	12
President, Student Council.....	92	7
Participated in or Held Following High School Positions*		
Debating or Forensic Society.....	192	14%
Thespian or Dramatic Club.....	228	16
Glee Club.....	134	10
High School Band.....	295	21
Staff, School Paper.....	258	18
Editor or Co-Editor, School Paper.....	103	7
Staff, Yearbook or Annual.....	229	16
Editor or Co-Editor, Yearbook or Annual.....	77	6
Presently is or has Been One of the Following*		
Boy Scout/Girl Scout.....	623	45%
Explorer Scout.....	116	8
Sea Scout.....	6	1
Air Scout.....	7	1
Campfire Girl.....	15	1
Camp Counselor.....	172	12
Order of the Arrow.....	133	10
Eagle Scout (Boys).....	113	9
First Class Scout (Girls).....	10	6

*May be more than one.

TABLE 12
Nominations and Appointments

	Number	Percent
Federal Academies Where Nomination was Attempted*		
Naval Academy.....	429	31%
Air Force Academy.....	394	28
Coast Guard Academy.....	145	10
Merchant Marine Academy.....	66	5
Federal Academies Where Appointment was Received*		
Naval Academy.....	77	6
Air Force Academy.....	85	6
Coast Guard Academy.....	55	4
Merchant Marine Academy.....	72	5
First Choice of Schools was		
US Military Academy.....	1190	85
US Air Force Academy.....	95	7
US Naval Academy.....	36	3
US Coast Guard Academy.....	3	0
US Merchant Marine Academy.....	2	0
A Civilian Liberal Arts College.....	31	2
A Civilian Engineering Technical College.....	22	2
Another Type of College.....	14	1

*May be more than one.

TABLE 13
Father's Military Status and Rank

Father's Past Military Service and Current Status	Number	Percent
No Military Service or Don't Know.....	541	39%
Career in Military Service Terminated for Physical Disability.....	19	1
Served 20 Years or More and Retired.....	99	7
Now on Full Time Active Duty.....	89	6
Served at One Time but No Longer In Service.....	603	43
Now in Reserves or National Guard.....	39	3
Died While on Active Duty.....	5	0
Father's Highest Grade**		
E1 - E3 (Private or PFC).....	103	7
E4 - E6 (Corporal Through Staff Sergeant).....	240	17
E7 - E9 (Platoon Sergeant Through Sergeant Major).....	69	5
Warrant Officer.....	15	1
Lieutenant or Captain.....	79	6
Major.....	31	2
Lieutenant Colonel.....	61	4
Colonel.....	52	4
General Officer.....	6	0

**Army grade or AF, Navy and Marine Corps equivalent.

TABLE 14
Class Year of Fathers Who Are USMA Graduates

<u>Year</u>	<u>No.</u>	
1966	1	
1965	3	
1964	6	
1963	3	
1962	5	
1961	8	
1960	7	
1959	3	
1958	1	
1957	1	
1956	1	
1955	1	
1954	1	
1953	3	
1952	1	
1950	1	
1948	1	Total 47

TABLE 15
Sport Participation

	<u>Number</u>	<u>Percent</u>
Participated in Varsity Athletics.....	1275	91%
Earned Varsity Letter.....	1190	85
Varsity Team Captain.....	692	50

TABLE 16
Miscellaneous

	<u>Number</u>	<u>Percent</u>
Taken College Level Courses After High School in One of the Following		
A Junior, Community, Extension or Branch College With a One or Two-Year Program Only.....	62	4%
Other Institution With Less Than a Four-Year Program.....	5	0
A Four-Year College, Not Part of a University.....	21	2
A University, Including its Separate Colleges.....	81	6
Not Applicable.....	1224	88
Attended U.S. Military Academy Preparatory School.....	199	14

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